0	For receiving Office use only			
0-1	International Application No.			
0-2	International Filing Date			
0-3	Name of receiving Office and "PCT International Application"			
0-4	Form - PCT/RO/101 PCT Request			
0-4-1	· ·	DOM DEGREE 2 92		
U-4- I	Prepared using	PCT-EASY Version 2.92 (updated 01.04.2003)		
0-5	Petition			
	The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty			
0-6	Receiving Office (specified by the applicant)	Australian Patent Office (RO/AU)		
0-7	Applicant's or agent's file reference	108687		
T	Title of invention	PULSE SEQUENCES FOR EXCITING NUCLEAR QUADRUPOLE RESONANCE		
TI .	Applicant			
11-1	This person is:	applicant only		
11-2	Applicant for	all designated States except US		
11-4	Name	QRSCIENCES TECHNOLOGIES PTY LTD		
11-5	Address:	8-10 Hamilton Street		
	·	Cannington		
		Perth, Western Australia 6107		
		Australia		
11-6	State of nationality	AU		
11-7	State of residence	AU		
11-8	Telephone No.	08 9351 1200		
11-9	Facsimile No.	08 9351 9522		
III-1	Applicant and/or inventor	·		
111-1-1	This person is:	applicant and inventor		
III-1-2	Applicant for	US only		
III-1 - 4	Name (LAST, First)	MIKHALTSEVITCH, Vassili, Timofeevitch		
III-1-5	Address:	15/1055 Albany Highway		
		St James		
		Perth, Western Australia 6102		
		Australia		
111-1-6	State of nationality	AU		
111-1-7	State of residence	AU		

III-2	Applicant and/or inventor			
III-2-1 T	This person is:	applicant and inventor		•
III-2-2	Applicant for	US only	-	
111-2-4	Name (LAST, First)	RUDAKOV, Taras, Nikolaevit	ch	
III-2-5 /	Address:	7 Reen Street		
		St James		
		Perth, Western Australia 6	102	•
	-	Australia		
111-2-6	State of nationality	AU		
111-2-7	State of residence	AU		
111-3	Applicant and/or inventor			•
III-3-1 T	This person is:	applicant and inventor		• .
III-3-2	Applicant for	US only		
111-3-4	Name (LAST, First)	FLEXMAN, John, Harold	•	
111-3-5	Address:	8-10 Hamilton Street		•
		Cannington		- ·
		Perth, Western Australia 6	107	
		Australia	•	
111-3-6	State of nationality	AU		
111-3-7	State of residence	AU		
111-4	Applicant and/or inventor			• ,
III-4-1	This person is:	applicant and inventor		· •
111-4-2	Applicant for	US only		
111-4-4	Name (LAST, First)	HAYES, Peter, Alaric	-	•
111-4-5	Address:	8-10 Hamilton Street		
	•	Cannington		*
	•	Perth, Western Australia 6	107	
		Australia		•
111-4-6	State of nationality	AU .		
111-4-7	State of residence	AU		
111-5	Applicant and/or inventor			
111-5-1	This person is:	applicant and inventor		
111-5-2	Applicant for	US only		
111-5-4	Name (LAST, First)	CHISHOLM, Warrick, Paul		
111-5-5	Address:	2A Bursaria Crescent		
.		Ferndale		
		Perth, Western Australia 6	148	
		Australia		
	· · · · · · · · · · · · · · · · · ·	•		
III-5-6	State of nationality	AU		

IV-1	Agent or common representative; or address for correspondence					
	The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the	agent				
•	competent International Authorities as:					
IV-1-1	Name	WRAY & ASSOCIATES				
IV-1-2	Address:	Level 4, The Quadrant				
		1 William Street Perth, Western Australia 6000				
	·	Australia				
. IV-1-3	Telephone No.	08 9216 5100				
IV-1-4	Facsimile No.	08 9216 5199				
IV-1-5	e-mail	wray@wray.com.au				
V	Designation of States					
V-1	Regional Patent	AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZM				
	(other kinds of protection or treatment, if any, are specified between	ZW and any other State which is a				
	parentheses after the designation(s)	Contracting State of the Harare Protocol				
	concerned)	and of the PCT				
•		EA: AM AZ BY KG KZ MD RU TJ TM and any				
	*	other State which is a Contracting State				
		of the Eurasian Patent Convention and of				
		the PCT				
		EP: AT BE BG CH&LI CY CZ DE DK EE ES FI				
		FR GB GR HU IE IT LU MC NL PT RO SE SI				
:		SK TR and any other State which is a				
		Contracting State of the European Patent				
		Convention and of the PCT				
		OA: BF BJ CF CG CI CM GA GN GQ GW ML MR				
	·	NE SN TD TG and any other State which is				
		a member State of OAPI and a Contracting				
		State of the PCT				
V-2	National Patent (other kinds of protection or treatment,	AE AG AL AM AT AU AZ BA BB BG BR BY BZ				
	if any, are specified between	CA CH&LI CN CO CR CU CZ DE DK DM DZ EC				
	parentheses after the designation(s) concerned)	EE ES FI GB GD GE GH GM HR HU ID IL IN				
	, solitorinos,	IS JP KE KG KP KR KZ LC LK LR LS LT LU				
		LV MA MD MG MK MN MW MX MZ NI NO NZ OM				
	·	PG PH PL PT RO RU SC SD SE SG SK SL TJ				
		TM TN TR TT TZ UA UG US UZ VC VN YU ZA				
		ZM ZW				

V-5	Precautionary Designation Statement		
	In addition to the designations made		·
	under items V-1, V-2 and V-3, the	· .	• • •
	applicant also makes under Rule 4.9(b)		• • •
	all designations which would be		
	permitted under the PCT except any designation(s) of the State(s) indicated		· · · · · ·
	under item V-6 below. The applicant		
	declares that those additional		
	designations are subject to confirmation	•	
	and that any designation which is not confirmed before the expiration of 15		
	months from the priority date is to be		•
	regarded as withdrawn by the applicant		
	at the expiration of that time limit.		<u> </u>
V-6	Exclusion(s) from precautionary designations	NONE	
VI-1	Priority claim of earlier national		
••-•	application		
VI-1-1	Filing date	20 June 2002 (20.06.	2002)
VI-1-2	Number	PS3077	
VI-1-3	Country	AU	-X
VI-2	Priority document request		
•	The receiving Office is requested to	VI-1	0)
	prepare and transmit to the	. *	Section 1
	International Bureau a certified copy of		•
	the earlier application(s) identified	•	·
	the earlier application(s) identified above as item(s):	·	
VII-1	above as item(s): International Searching Authority	Australian Patent Of	fice (ISA/AU)
VII-1	above as item(s):	Australian Patent Of Number of declarations	fice (ISA/AU)
	above as item(s): International Searching Authority Chosen		fice (ISA/AU)
VIII	above as item(s): International Searching Authority Chosen Declarations Declaration as to the identity of the inventor Declaration as to the applicant's		fice (ISA/AU)
VIII VIII-1	above as item(s): International Searching Authority Chosen Declarations Declaration as to the identity of the inventor Declaration as to the applicant's entitlement, as at the international filing		fice (ISA/AU)
VIII VIII-1	above as item(s): International Searching Authority Chosen Declarations Declaration as to the identity of the inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a		fice (ISA/AU)
VIII VIII-1	above as item(s): International Searching Authority Chosen Declarations Declaration as to the identity of the inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent		fice (ISA/AU)
VIII VIII-1 VIII-2	above as item(s): International Searching Authority Chosen Declarations Declaration as to the identity of the inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing		fice (ISA/AU)
VIII VIII-1 VIII-2	above as item(s): International Searching Authority Chosen Declarations Declaration as to the identity of the inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier		fice (ISA/AU)
VIII VIII-1 VIII-2 VIII-3	above as item(s): International Searching Authority Chosen Declarations Declaration as to the identity of the inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	Number of declarations	fice (ISA/AU)
VIII VIII-1 VIII-2	above as item(s): International Searching Authority Chosen Declarations Declaration as to the identity of the inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier		fice (ISA/AU)
VIII VIII-1 VIII-2 VIII-3 VIII-4	above as item(s): International Searching Authority Chosen Declarations Declaration as to the identity of the inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United States of America)	Number of declarations	fice (ISA/AU)
VIII VIII-1 VIII-2 VIII-3	above as item(s): International Searching Authority Chosen Declarations Declaration as to the identity of the inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United States of America) Declaration as to non-prejudicial	Number of declarations	fice (ISA/AU)
VIII VIII-2 VIII-3 VIII-4	above as item(s): International Searching Authority Chosen Declarations Declaration as to the identity of the inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United States of America) Declaration as to non-prejudicial disclosures or exceptions to lack of	Number of declarations	fice (ISA/AU)
VIII VIII-1 VIII-2 VIII-3 VIII-4 VIII-5	above as item(s): International Searching Authority Chosen Declarations Declaration as to the identity of the inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United States of America) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	Number of declarations	fice (ISA/AU) electronic file(s) attached
VIII VIII-2 VIII-3	above as item(s): International Searching Authority Chosen Declarations Declaration as to the identity of the inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United States of America) Declaration as to non-prejudicial disclosures or exceptions to lack of	Number of declarations	
VIII VIII-2 VIII-3 VIII-4 VIII-5	above as item(s): International Searching Authority Chosen Declarations Declaration as to the identity of the inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United States of America) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty Check list	Number of declarations	electronic file(s) attached
VIII VIII-2 VIII-3 VIII-5 IX IX-1 IX-2 IX-3	above as item(s): International Searching Authority Chosen Declarations Declaration as to the identity of the inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United States of America) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty Check list Request (including declaration sheets)	Number of declarations number of sheets 5	electronic file(s) attached
VIII VIII-1 VIII-2 VIII-4 VIII-5 IX IX-1 IX-2 IX-3 IX-4	above as item(s): International Searching Authority Chosen Declarations Declaration as to the identity of the inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United States of America) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty Check list Request (including declaration sheets) Description Claims Abstract	Number of declarations number of sheets 5 26 3 1	electronic file(s) attached
VIII VIII-1 VIII-2 VIII-3 VIII-4 VIII-5 IX IX-1 IX-2 IX-3	above as item(s): International Searching Authority Chosen Declarations Declaration as to the identity of the inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United States of America) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty Check list Request (including declaration sheets) Description Claims	Number of declarations number of sheets 5 26 3	electronic file(s) attached

	Accompanying items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	1	-
X-17	PCT-EASY diskette	-	Diskette
IX-19	Figure of the drawings which should accompany the abstract	5	
IX-20	Language of filing of the international application	English	
X-1	Signature of applicant, agent or common representative	1. Pos	
X-1-1	Name	WRAY & ASSOCIATES	
X-1-2	Name of signatory	Boris Golja /	•
X-1-3	Capacity	Patent Attorney	

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10-1	Date of actual receipt of the purported international application	·	,	
10-2	Drawings:			
10-2-1	Received	,		• "
10-2-2	Not received			
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application			
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)		 	
10-5	International Searching Authority	ISA/AU		
10-6	Transmittal of search copy delayed until search fee is paid		-	

FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by		
·	the International Bureau	 	